

**Fig 1a:**  
**Dilution Effect of Al,SiO<sub>2</sub> and H<sub>2</sub> on molar Basis**

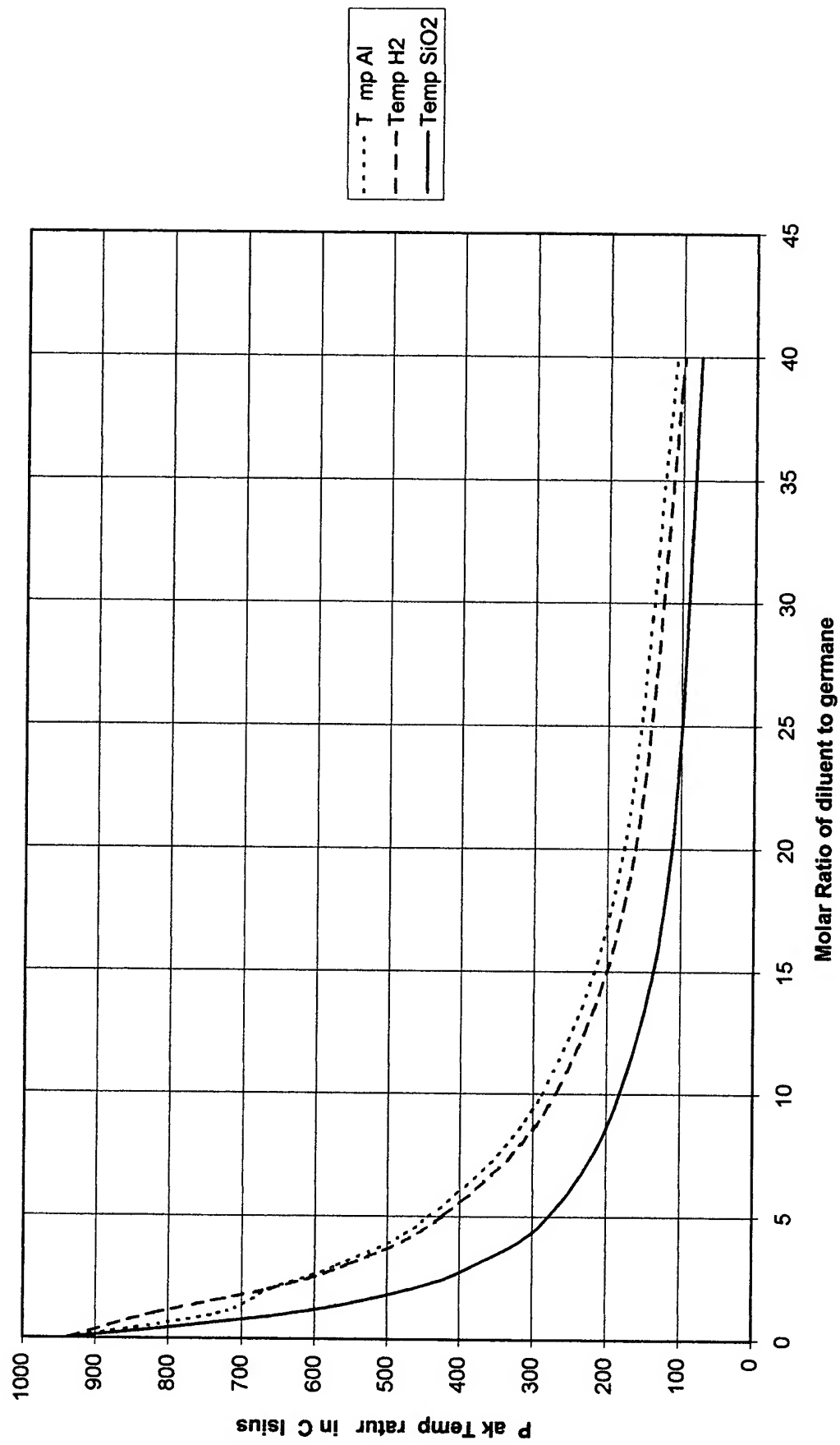
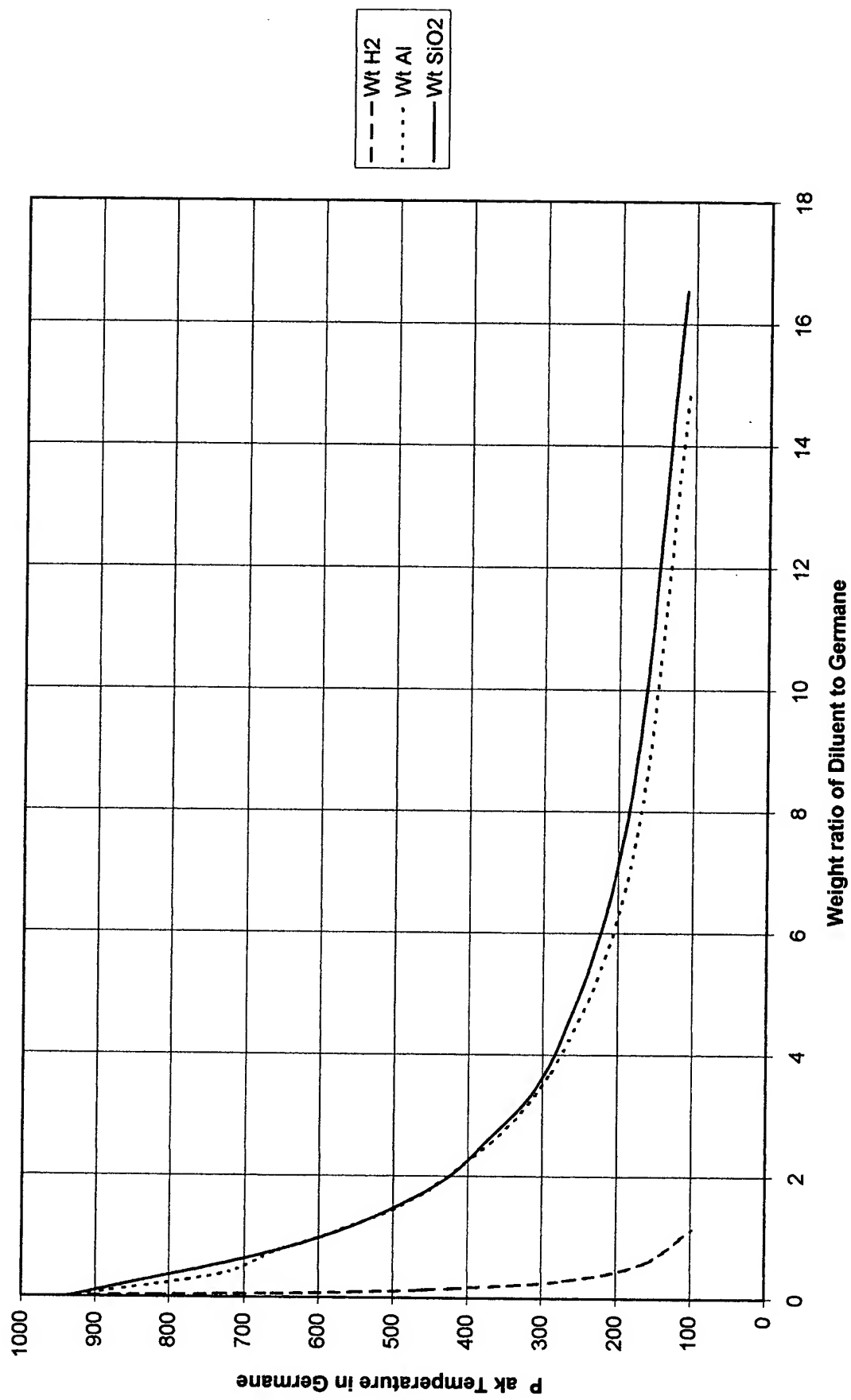
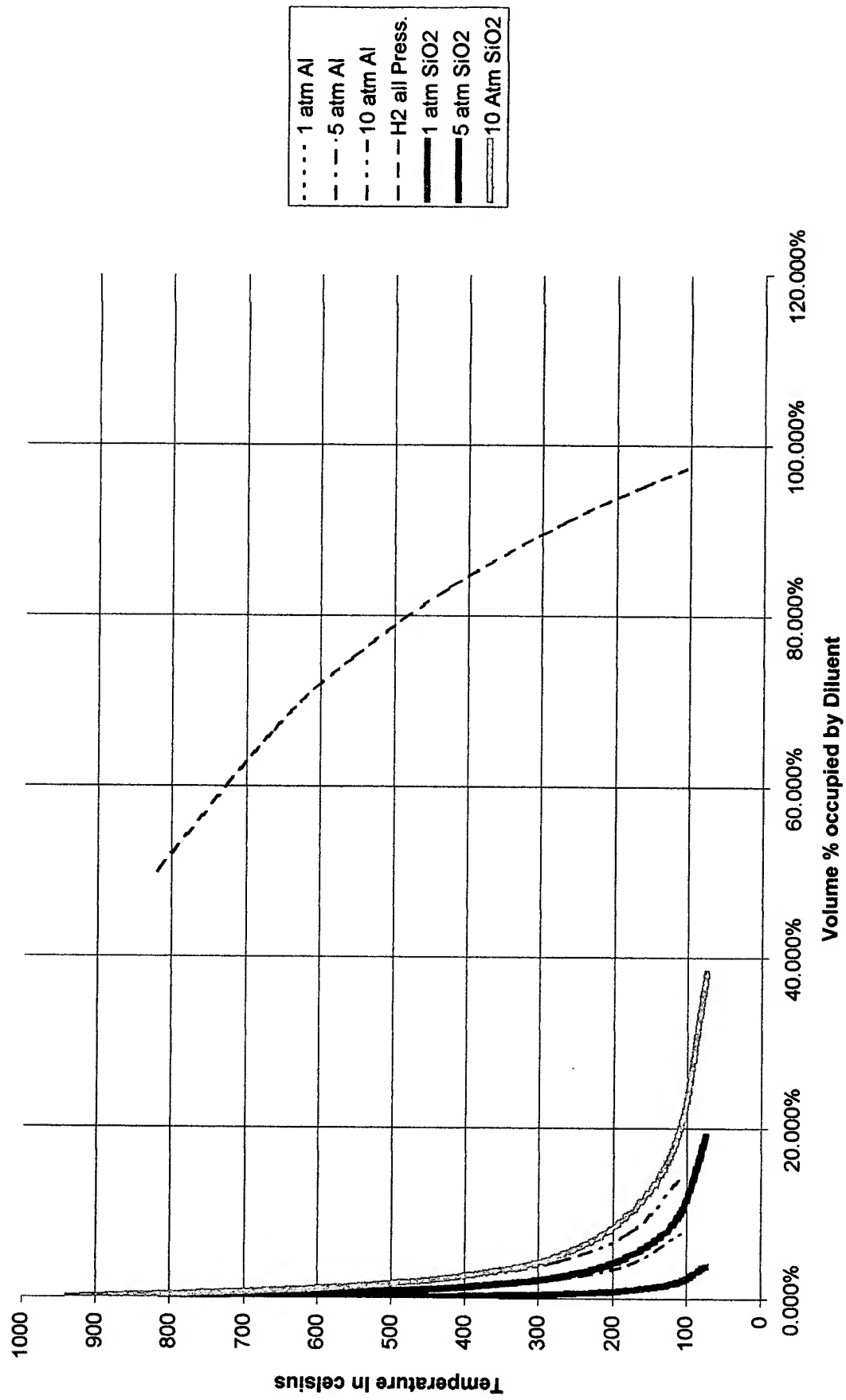


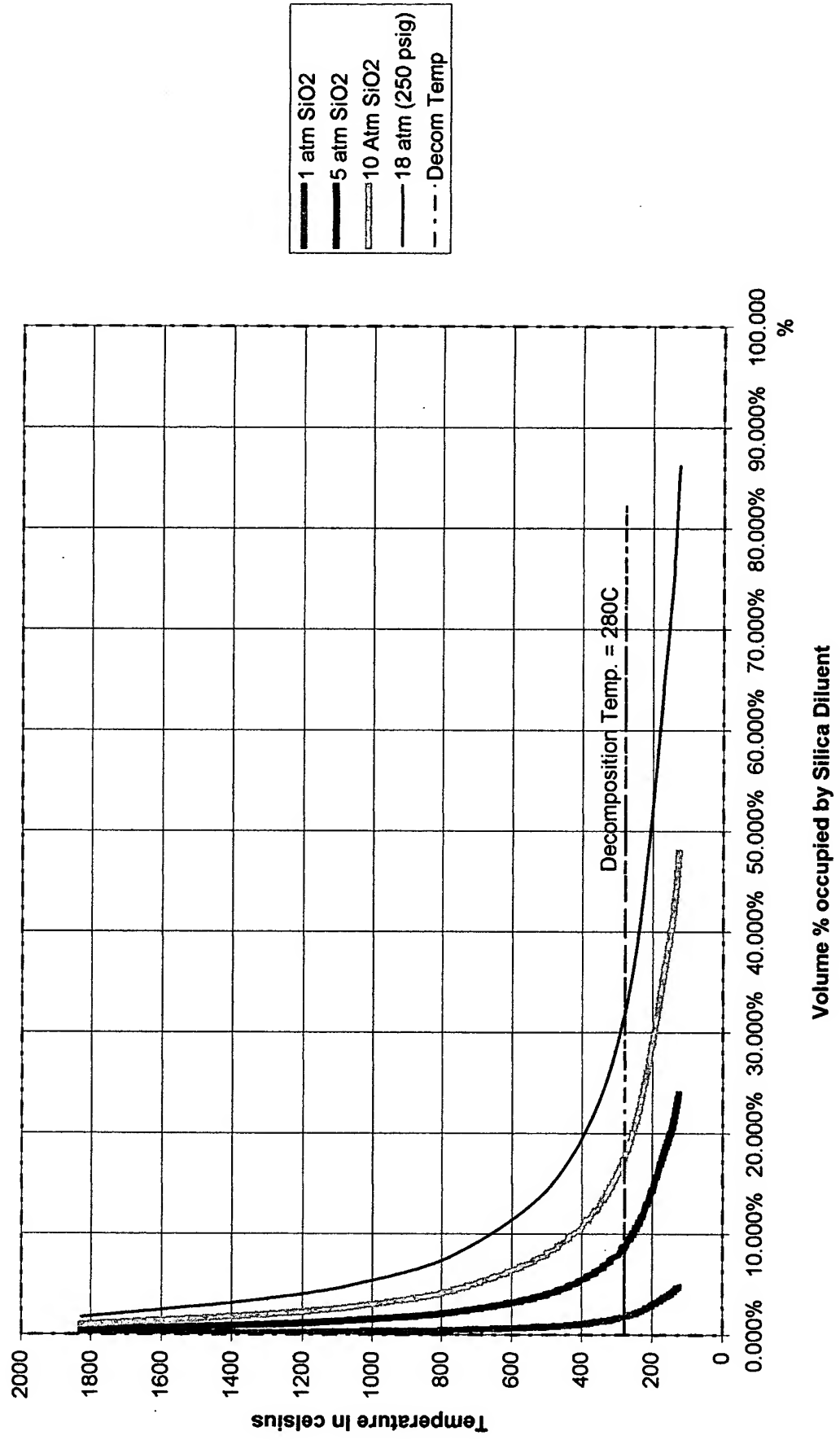
Fig 1b: Weight ratio of Diluents



**Fig 1c : Effect of Diluent and Pressure on Volume % of Enclosure Needed for Diluent**



**Fig 1d : Effect of Pressure on Volume % of Enclosure Needed for Silica Diluent when Handling Acetylene**



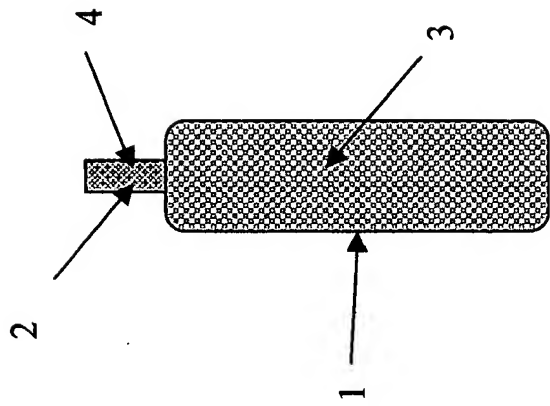


Fig 2 a Gas Cylinder

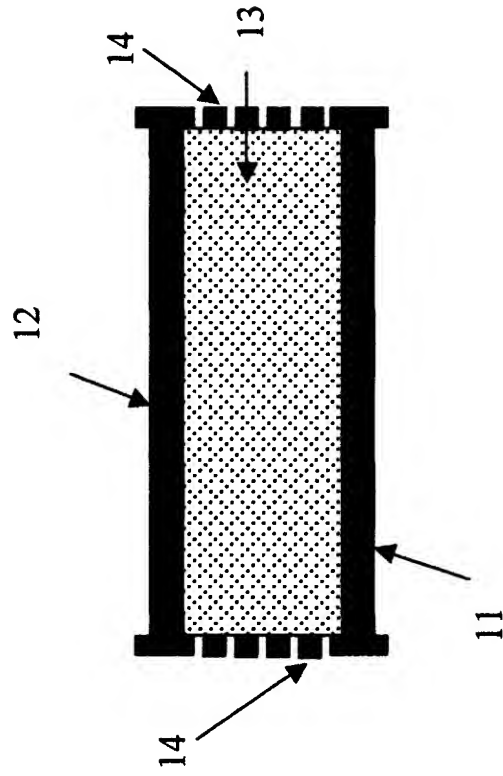


Fig 2 b Horizontal pipe

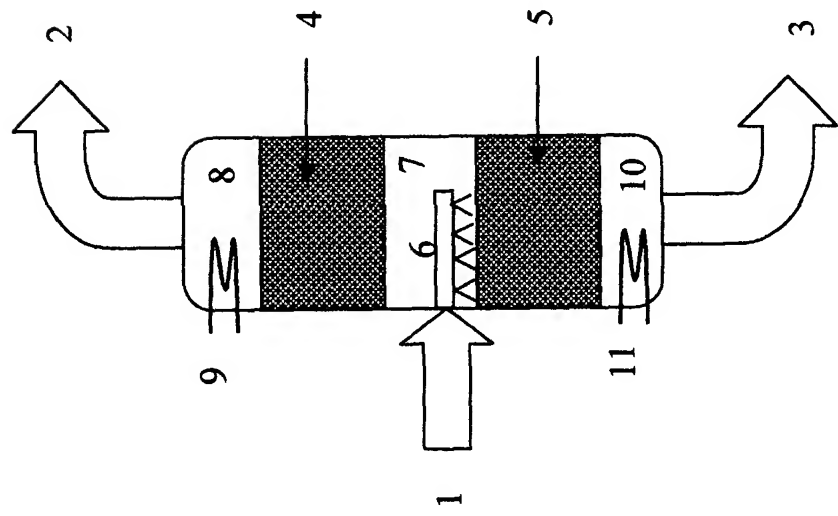


Fig 3a Standard Packed Distillation

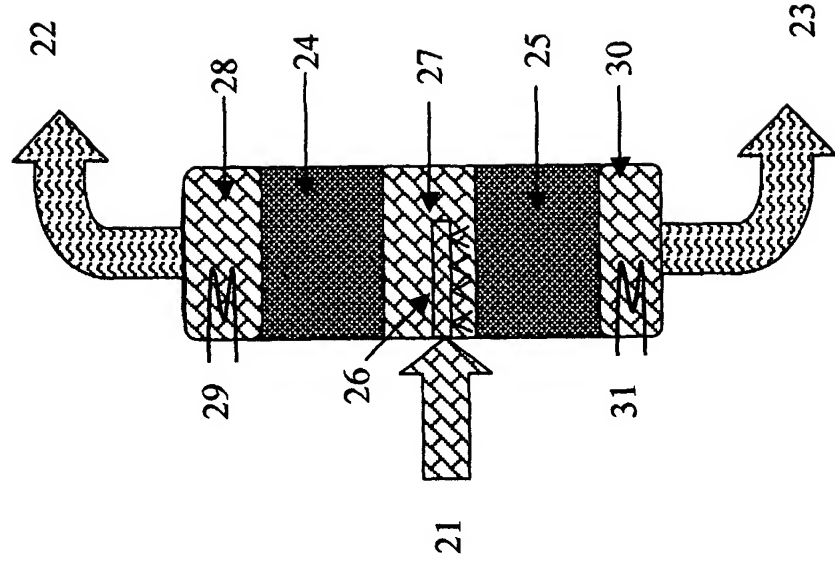


Fig 3 b Safe Distillation Column

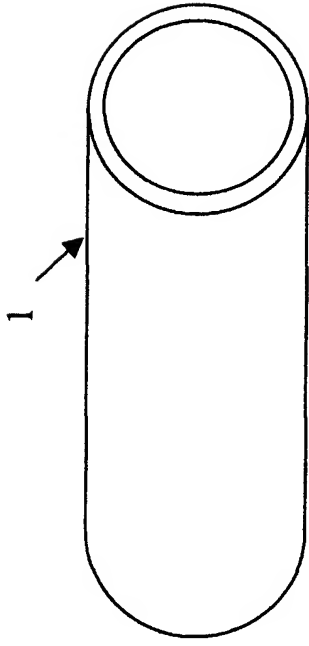


Fig 4a. Cut Tube

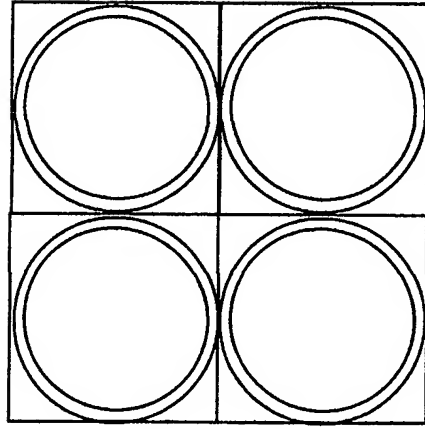


Fig 4a. Loose Packing

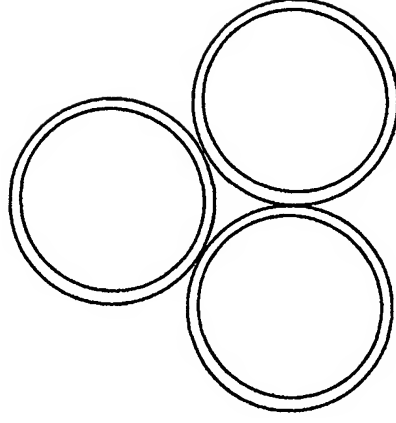


Fig 4a. Compact Packing